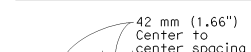


NOTES

- As site conditions dictate, Case A through Case G curb ramps may be used for corner installations similar to those shown in Detail A and Detail B. The case of curb ramps used in Detail A do not have to be the same. Case A through Case G curb ramps also may be used at mid block locations, as site conditions dictate.
- If distance from curb to back of sidewalk is too short to accommodate ramp and 1.22 m (4'-0") platform (landing) as shown in Case A, the sidewalk may be depressed longitudinally as in Case B, or C or may be widened as in Case D.
- When ramp is located in center of curb return, crosswalk configuration must be similar to that shown for Detail B.
- As site conditions dictate, the retaining curb side and the flared side of the Case G ramp shall be constructed in reversed position.
- If located on a curve, the sides of the ramp need not be parallel, but the minimum width of the ramp shall be 1.22 m (4'-0").
- Side slope of ramp flares vary uniformly from a maximum of 10% at curb to conform with longitudinal sidewalk slope adjacent to top of the ramp, except in Case C and Case F.
- The curb ramp shall be outlined, as shown, with a 300 mm (12") wide border with 6 mm (1/4") grooves approximately 20 mm (3/4") on center. See grooving detail.
- Transitions from ramps to walks, gutters or streets shall be flush and free of abrupt changes.
- Maximum slopes of adjoining gutters, the road surface immediately adjacent to the curb ramp and continuous passage to the curb ramp shall not exceed 5 percent within 1.22 m (4'-0") of the top or bottom of the curb ramp.
- Curb ramps shall have a detectable warning surface that extends the full width and 914 mm (3'-0") depth of the ramp. Detectable Warning Surfaces shall conform to the details on this plan and the requirements in the Special Provisions.
- The edge of the detectable warning surface nearest the street shall be between 150 mm (6") and 205 mm (8") from the gutter flowline.
- Sidewalk and ramp thickness, "T", shall be 90 mm (3 1/2") minimum.
- Utility pull boxes, manholes, vaults and all other utility facilities within the boundaries of the curb ramp will be relocated or adjusted to grade by the owner prior to, or in conjunction with, curb ramp construction.
- For retrofit conditions, removal and replacement of curb apron will be at the Contractor's option, unless otherwise shown on project plans.

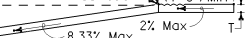
RAISED TRUNCATED DOME



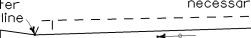
RAISED TRUNCATED DOME PATTERN (IN-LINE)



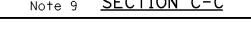
DETECTABLE WARNING SURFACE



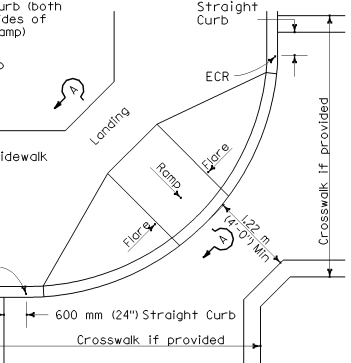
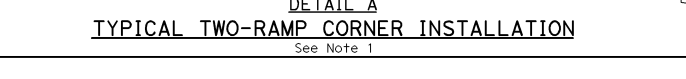
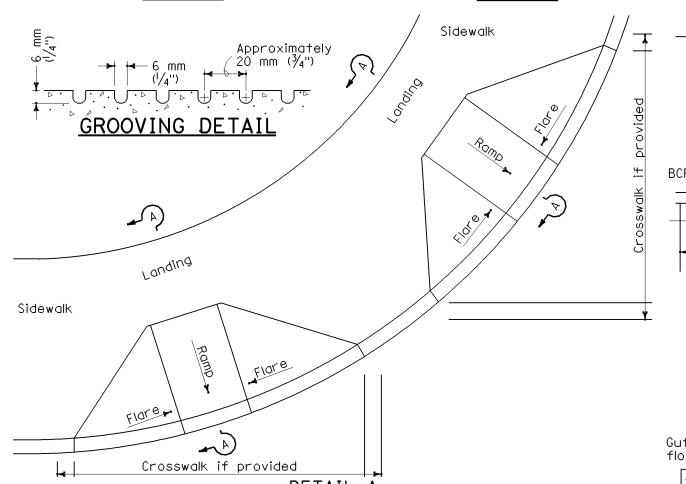
SECTION A-A



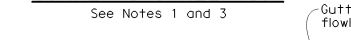
SECTION B-B



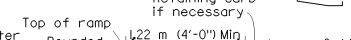
SECTION C-C



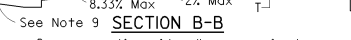
TYPICAL ONE-RAMP CORNER INSTALLATION



SECTION A-A



SECTION B-B



SECTION C-C



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL	PROJECT NO.	SHEET TOTAL

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PLANS APPROVAL DATE

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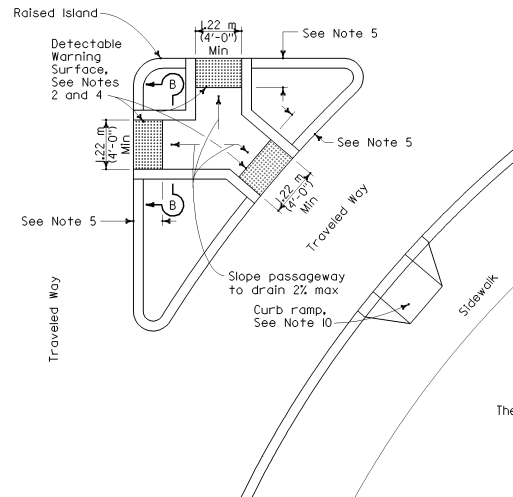
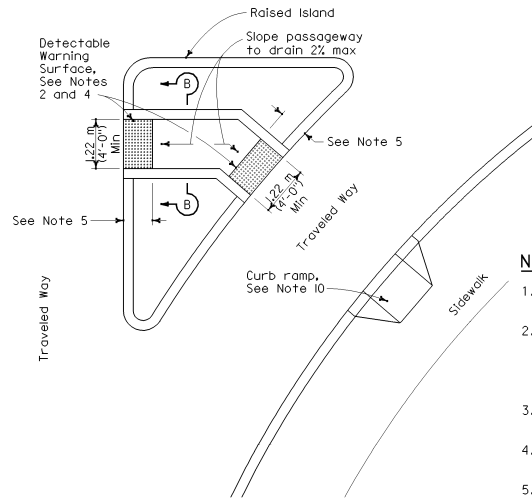
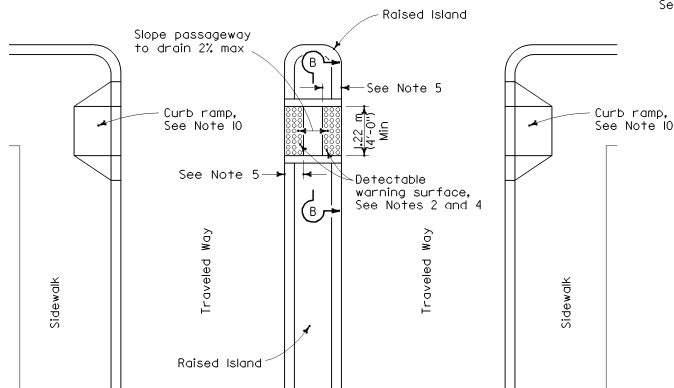
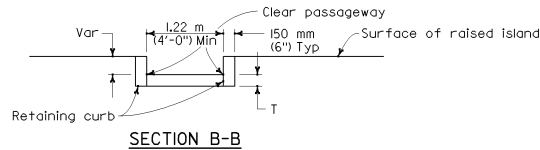
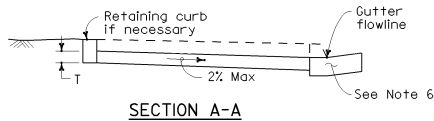
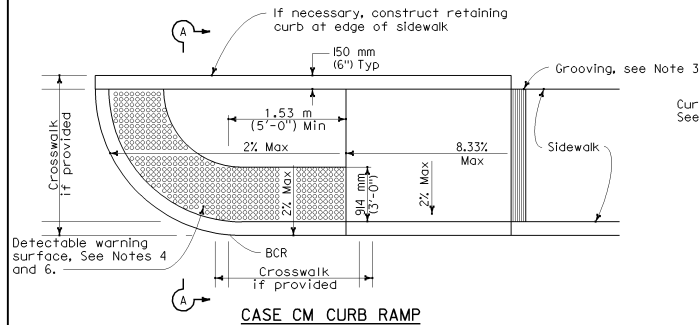
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RSP A88A DATED 9-29-04 SUPERSEDES RSP A88A DATED 03-12-04 AND STANDARD PLAN A88A DATED JULY 1, 2002-PAGE 83 OF THE STANDARD PLANS BOOK DATED JULY 2002.

REVISED DUAL UNITS STANDARD PLAN RSP A88A



NOTES

1. Sidewalk, ramp and passageway thickness, "T", shall be 90 mm (3 1/2") minimum.
2. Minimum width of passageway through raised islands shall be 1.22 m (4'-0"), except for locations where right of way restrictions, natural barriers, or other existing conditions create an unreasonable hardship, the clear width of the passageway may be reduced to 915 mm (3'-0").
3. For details of grooving used with Case CM curb ramp, see Revised Standard Plan RSP A88A.
4. For details of detectable warning surfaces, see Revised Standard Plan RSP A88A.
5. Where an island passage way length is less than 1.8 m (6'-0"), the detectable warning surface shall extend the full width and full depth of the passage way length. Where an island passage way length is greater than or equal to 1.8 m (6'-0"), but less than 2.44 m (8'-0"), a detectable warning surface shall extend the full width and 600 mm (2'-0") depth of the passage way length. Where an island passage way length is greater than or equal to 2.44 m (8'-0"), a detectable warning surface shall extend the full width and 914 mm (3'-0") depth of the passage way length.
6. For Case CM curb ramp, the edge of the detectable warning surface nearest the street shall be between 150 mm (6") and 205 mm (8") from the gutter flowline.
7. Transitions from ramps to walks, gutters or streets shall be flush and free of abrupt changes
8. Maximum slopes of adjoining gutters, the road surface immediately adjacent to the curb ramp and continuous passage to the curb ramp shall not exceed 5 percent within 1.22 m (4'-0") of the top or bottom of the curb ramp.
9. Utility pull boxes, manholes, vaults and all other utility facilities within the boundaries of the curb ramp will be relocated or adjusted to grade by the owner prior to, or in conjunction with, curb ramp construction.
10. For additional curb ramp details, see Revised Standard Plan RSP A88A.

CURB RAMP AND ISLAND PASSAGEWAY DETAILS

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NO SCALE

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RSP A88B DATED 9-29-04 SUPERSEDES RSP A88B DATED 03-12-04 AND STANDARD PLAN A88B DATED JULY 1, 2002-PAGE 84 OF THE STANDARD PLANS BOOK DATED JULY 2002.

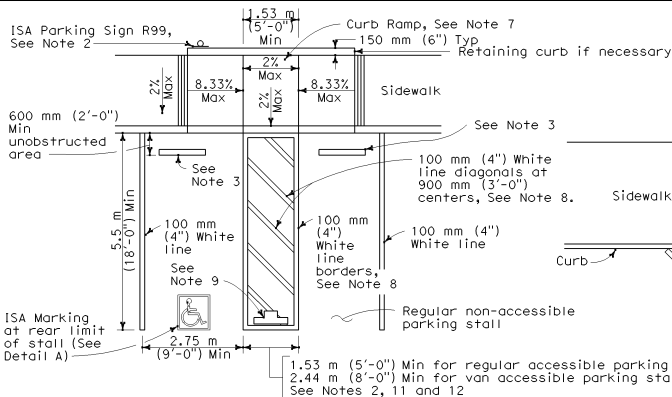
REVISED DUAL UNITS STANDARD PLAN RSP A88B

DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST NO.	SHEET TOTAL SHEETS

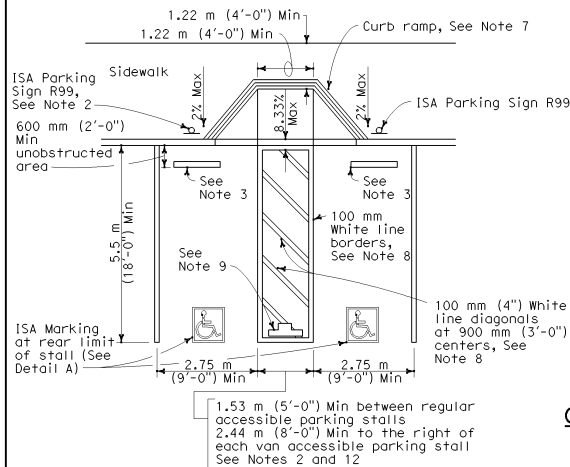
H. David Cordova
REGISTERED CIVIL ENGINEER
No. C41957
9-29-04
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SINGLE PARKING STALL



DOUBLE PARKING STALL

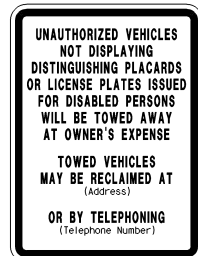
TABLE A

Total Number of Parking Spaces or Stalls	Minimum Number of Disabled Accessible Parking Spaces or Stalls
1-25	1
26-50	2
51-75	3
76-100	4
101-150	5
151-200	6
201-300	7
301-400	8
401-500	9
501-1000	2 percent of total
Greater than 1001	20 plus 1 for each 100 or fraction thereof over 1001

VAN ACCESSIBLE SIGN (R99A)
Standard 300 mm x 200 mm
(12" x 8") See Notes 2 and 6.



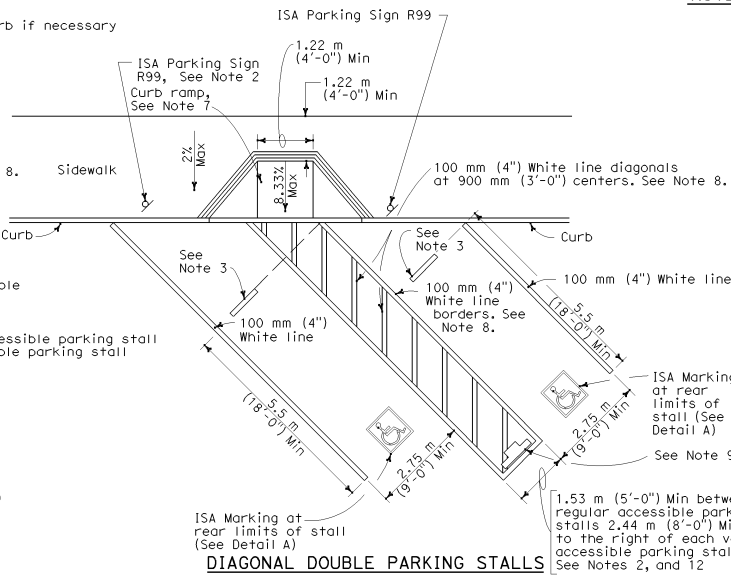
ISA PARKING SIGN (R99)
Standard 450 mm x 450 mm
(18" x 18") See Note 6.



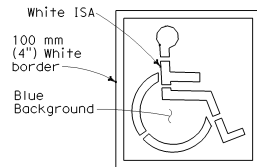
SIGN (R100B)
Standard 450 mm x 600 mm
(18" x 24") See Note 10.

OFF-STREET PARKING

(Parking lot or garage)
See Note 6



DIAGONAL DOUBLE PARKING STALLS



ISA MARKING FOR ACCESSIBLE PARKING SPACE OR STALL
(See Std. Plan A24C)

DETAIL A

NOTES

1. Accessible parking spaces serving a particular building shall be located on the shortest accessible route of travel from adjacent parking to an accessible entrance. In parking facilities that do not serve a particular building, accessible parking shall be located on the shortest accessible route of travel to an accessible pedestrian entrance of the parking facility.
2. One in every eight accessible off-street parking stalls, but not less than one, shall be served by an accessible aisle of 2.44 m (8'-0") minimum width and shall be signed van accessible. The R99A "Van Accessible" sign shall be mounted below the R99 "ISA Parking" sign.
3. In each parking stall, a curb or bumper shall be provided and located to prevent encroachment of vehicles over the required width of walkways. Parking stalls shall be so located that persons with disabilities are not compelled to wheel or walk behind parked cars other than their own.
4. Surface slopes of accessible off-street parking stalls shall be the minimum possible and shall not exceed 2 percent in any direction.
5. Table A shall be used to determine the required number of accessible parking stalls in any parking lot or garage.
6. Where R99 "ISA Parking" or R99A "Van Accessible" signs are installed on sidewalks or other paths of travel, the bottom of the sign panel shall be a minimum of 2.04 m (6'-8") above the surface of the sidewalk or path.
7. Curb ramps shall conform to the details shown on Revised Standard Plan RSP A88A. Except that the detectable warning surface shall only apply where the curb ramp is provided for a pedestrian to cross a vehicular way.
8. Blue paint, instead of white may be used for marking accessibility aisles in areas where snow may cause white markings to not be visible.
9. The words "NO PARKING", shall be painted in white letters no less than 300 mm (12") high and located so that it is visible to traffic enforcement officials. See Revised New Standard Plan RNSP A90B for details of the "NO PARKING" pavement marking.
10. A R100B sign shall be posted in a conspicuous place at each entrance to off-street parking facilities or immediately adjacent to and visible from each stall. The sign shall include the address where the towed vehicle may be reclaimed at the telephone number of the local traffic law enforcement agency.
11. Where a single (non-van) accessible parking space is provided, the loading and unloading access aisle shall be on the passenger side of the vehicle as the vehicle is going forward into the parking space.
12. Where a van accessible parking space is provided, the loading and unloading access aisle shall be 2.44 m (8'-0") wide minimum, and shall only be on the passenger side of the vehicle as the vehicle is going forward into the parking space.

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ACCESSIBLE PARKING OFF-STREET

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NO SCALE

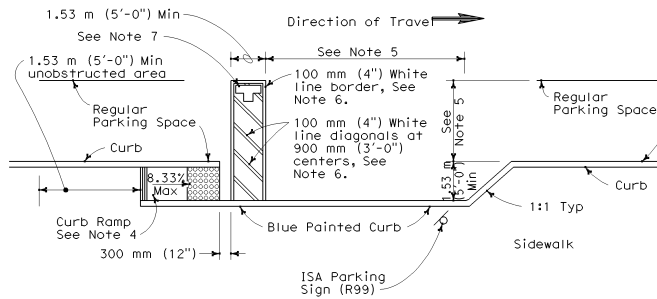
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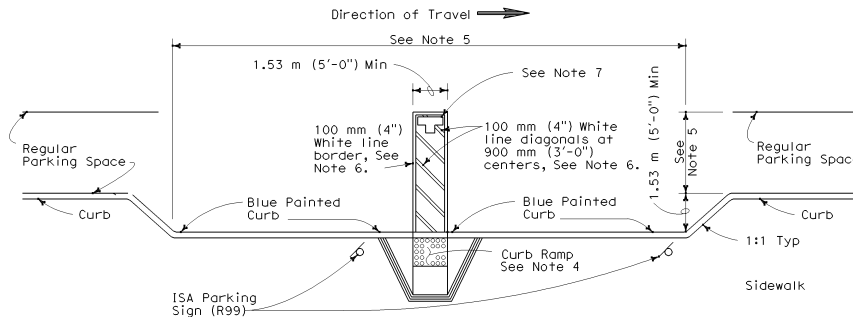
REVISED DUAL UNITS STANDARD PLAN RSP A90A

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL	POST MILE TOTAL	SHEET TOTAL
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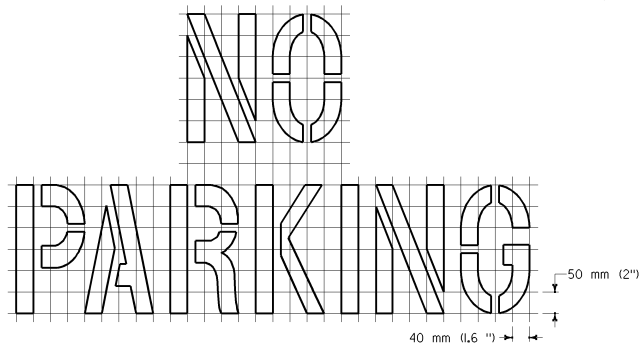
SINGLE PARKING SPACE



DOUBLE PARKING SPACE

ON-STREET PARKING

(Parallel parking)



PAVEMENT MARKING DETAIL

See Note 7



ISA PARKING SIGN (R99)
Standard 300 mm x 450 mm
(12" x 18"), See Note 3.

NOTES

1. Parking spaces shall be so located that persons with disabilities are not compelled to wheel or walk behind parked cars other than their own.
2. Surface slopes of accessible on-street parking spaces shall be the minimum feasible.
3. Where R99 "ISA Parking Signs" are installed on sidewalks or other paths of travel, the bottom of the sign panel shall be a minimum of 2.04 m (6'-8") above the surface of the sidewalk or path.
4. Curb ramps shall conform to the details shown on Revised Standard Plan RSP A88A.
5. Accessible on-street parking spaces shall not be smaller in length or width than that specified by the local jurisdiction for other parking spaces.
6. Blue paint, instead of white may be used for marking accessibility aisles in areas where snow may cause white markings to not be visible.
7. The words "NO PARKING", shall be painted in white letters no less than 300 mm (12") high on a contrasting background and located so that it is visible to traffic enforcement officials. See Standard Plan A24E for square meter area for painting the words "NO PARKING".

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**ACCESSIBLE PARKING
ON-STREET**

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NO SCALE

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RNSP A90B DATED 9-29-04 SUPERSEDES NSP A90B DATED 03-12-04 AND
STANDARD PLAN A90 DATED JULY 1, 2002-PAGE 85 OF THE STANDARD PLANS BOOK DATED JULY 2002.

REVISED NEW DUAL UNITS STANDARD PLAN RNSP A90B

ISA = International Symbol of Accessibility

DIST	COUNTY	ROUTE	KILOMETER TOTAL	POST PROJECT	SHEET NO.	TOTAL SHEETS
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Hector David Cordova

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